

FRESHMAN EDITION

EDWARD ELLIOT EDITOR

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TOIKE, OIKE, TOIKE OIKE, OLLUM TE CHOLLUM TE CHAY,
SCHOOL OF SCIENCE, SCHOOL OF SCIENCE, HURRAY, HURRAY, HURRAY.

Vol. XX

WEDNESDAY, SEPT. 26, 1928

No. 1

THE DEAN'S MESSAGE

Gentlemen:

Again we welcome you all to the new Session of the Faculty of Applied Science and Engineering. You are to be congratulated upon being promptly on time, and it is hoped that it is a record you will maintain throughout the year. Students and graduates of this Faculty are always on time and ready for their work, and if the reputation of the old "School" and its graduates is followed, you will always be just a little ahead!

I hope you have all had a good summer vacation. From the talks I already have had with some of you, you seem to have had well diversified types of experience and have spread all over Canada, and, indeed, across the ocean. This is good for yourselves and for the Faculty, as you will have much to exchange with each other in the way of valuable experiences.

To the Fourth Year I wish especially to express the confidence in which you are held for that leadership in your work and life about the University which you will carry out into the professional world when you graduate.

To the Third Year it is a matter of congratulation that you have successfully passed through the two years of preparatory work leading to the second main period in your education here. You are now ready to apply these principles to your engineering. Be sure that in this coming year you apply them with skill.

For the Second Year, also, let me offer congratulations upon your being well away toward your objective in your engineering education. In the coming year you will continue the study of those fundamental subjects which are the basis of applied science. Some of them may seem less important to you than others, but I would ask you to keep in mind that all subjects included in your curriculum are placed there as being, in the judgment of those responsible for its structure, highly necessary for the education of an engineer in whatever department he may have chosen. You have learned by this time how to study; let me suggest that you commence right at the opening of the term to attack your

work and then keep up in step with it as the lectures and laboratory proceed. If you do not do this, you will surely fall behind and will have difficulty later in catching up.

We especially welcome the students of the First Year. This will now be your new home for the next four years. You, on your part, bring new thoughts and ambitions with you, but you will find that they are much the same as those already here among your classmates of the upper years. Be sure that you work from the first day with your best efforts to attain these ambitions. Be proud of your work, your Faculty, and your University.

To students of all years I heartily wish you all success for the coming Session.

C. H. Mitchell, Dean.

September 24, 1928.

PRESIDENT'S MESSAGE

A famous American humorist, Josh Billings, once said: "Advice is like Castor Oil, awful easy to give but dreadful hard to take." You as freshmen will realize the truth of this, sooner or later. Advice will be surrounding you, and some will be forcibly impressed upon you. So on behalf of the Engineering Society, of which you are now members, we would welcome you and at the same time offer a few thoughts and suggestions for your future guidance.

Elsewhere in this our School newspaper you will find bits of wisdom worth assimilating. I should advise you to read, mark, learn and inwardly digest, for thus you will get a start that will aid in governing your conduct here.

We are all very proud of School. As a Faculty, here is an unequalled record. Both in academics and in sport her prestige is great. Remember to honour and cherish these traditions, for we expect you to carry on. In this respect there are certain obligations you must meet to keep your pledge of fealty.

You will observe in the rules for freshmen a note regarding Fatigue men.

Do not think that this duty is an imposition against your dignity. It is an old, time-honoured custom and we

have all had our turn at the job. The Engineering Society is your Society, and Fatigue Duty is the Freshman's contribution to it. Remember that the time you spend thus is not to be compared with the time given by the other members, and the officers of the Society. Evasion of Fatigue duty casts a direct reflection not only upon yourself, but upon your year.

We want athletes from 3T2. As you no doubt know, you work along with the Sophs in all interfaculty athletics, as Junior School. All Junior School teams depend on strong support from the First Year. You have an enviable reputation to uphold while playing for Junior School, and many cups won by them last year are now in School, and we want them to stay here. Get into some form of Athletics, and make a place. You have the time, and it will make you better Engineers. Junior School has great expectations to live up to this year.

We want executive men from 3T2. Before leaving School you will have ample chance to exercise your executive ability. Help those now in executive positions by never refusing any task they may require of you. Look about you for your Year Executive. You will soon be required to elect a President, a Vice-President, Secretary-Treasurer, and an Athletic Representative. Your President is a member of the Engineering Society Executive, and the Students' Administrative Council, so pick a good man.

We expect Engineers from 3T2. You are here primarily to get an Engineering education. The best in the world is here for the getting. Get it.

Above all we want men from 3T2. Schoolmen. Schoolmen form a great Fraternity, stronger than that of any other Faculty. As time goes on you will realize more and more what it means to be a School man. For the last fifty years, Schoolmen have passed through the Little Red School House, and in passing, have left their contribution to the tradition and reputation which you and I now enjoy. It is up to you to carry on these things.

We expect great things of you, "Three T Two."

R. B. Rochester, Pres.

The Toike Oike

Devoted to the interests of the Undergraduates of the Faculty of Applied Science.

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WORDS OF WISDOM FOR THE FRESHMAN

The Responsibility of Freedom

You, as a freshman, are entering upon a new phase of experience—the University life. Gone are the days of collegiate restriction and supervision when homework was applied so vigorously and punishment meted out when it was left undone. Success on your part was often due to the painstaking efforts of your teachers; but at college all is different. The responsibility that was your teachers' in high school has been shifted to your own shoulders when you enter your University career. Whether your work is done or undone rests with you. So, if you wish a successful year, come prepared to make yourself work, for the professors will lead you to knowledge, but it is up to you to drink.

Much of the real value and profit that is to be obtained from a University course depends upon the balanced choice of the activities which such a course offers. The academic tuition that is to train you for your future life work is not all that college implies. Here you are given opportunity to develop all your faculties and talents. You are given a chance to excel in any form of sport in which you are interested. If you are musically inclined, concerts are given by the best talent in the city, or, if you wish to play yourself, there is a club that will welcome you. Mere mention of the

camera club, the sketch room and the debating clubs shows that variety of activities that are yours to enjoy. Social functions of your faculty and of the University will bring you into touch with your fellow-students and the distinction of these affairs will add a charm and pleasantness to your life in college that will remain a sweet remembrance long after you have left the portals of dear old Varsity. You are now entering these portals, and although you cannot participate in all the University activities, they are there for your benefit, so choose, and above all, choose wisely.

Drafting Supplies Registration

The following list of supplies can be purchased at the Supply Dept. at prices considerably lower than elsewhere, since it is run by the Society of which you are now a member, purely for the benefit of the students of the School:

- 1 Drawing Board.
- 1 T-square.
- 1 set square, 45°, 10-in.
- 1 set square, 60°, 14-in.
- 1 set square, 60°, 4-in.
- 1 dozen thumb tacks.
- 1 Fractional lscale.
- 1 Decimal scale.
- 1 2H pencil.
- 1 3H pencil.
- 1 5H pencil.
- 1 Cleaning rubber (art gum).
- 1 Soft rubber pencil.
- 1 Ink rubber.
- 1 Bottle drawing ink (black).
- 1 Bottle drawing ink (red).
- 1 Bottle drawing ink (blue).
- 1 Set drawing instruments.
- 4 Sheets drawing paper.
- 1 Portfolio.

The above list is solely to guide you in the first purchases you will require practically at once. Other things, such as note books, text books, etc., you will also require. The Supply Dept. carries a large stock of note books, refills, printed notes, pencils and so on, but your text books you can get from the Students' Book Department, in behind the Physics Building, at reduced rates. The S.C.A. in Hart House has a book exchange, where second-hand books may be obtained at a very reasonable price. However, do not buy your books until each lecturer has told you what you will require. Now to give you a little information about the Supply Department.

The Supply Department

In Room 19 of the Old School Building you will find as you enter the room a large table with a chair or so behind it, but do not let the chair

bother you. Sit right down on the table, if you can find room, and gaze about you. In front of you, you will see a counter and a show case or two. In behind that you will see one or more of the Society Executive whom we had the honour of electing last spring. Don't let them frighten you. They are not as fierce as they look, and are really quite obliging fellows. This room is the Supply Department. This is simply a part of the Society, and is run so that each member can get what he requires without dashing away down town, and also at a lower price than at other places, which is quite logical, since supplies are purchased in large quantities and sold at just enough over cost to pay for the running expenses of the place. You won't find everything sold here, of course, but practically anything you require in your work you will find. Depreciation in value, loss in breakage and so on, is quite a large factor in carrying a stock of this sort, and must be given consideration in setting the price of an article. Just remember that those running this department are students like yourself, and in doing this work are imperilling their academic standing, and their only compensation is the feeling of work well done.

SCHOOL TRADITIONS

Just how many of you Freshmen are acquainted with School traditions we do not know. Nor can we wait to find out. Time is too valuable. It is to you that we look for the future guidance and standing of School, therefore we must begin at once to guide and advise so that the work of those who have been before you will not end in failure. It is a grave responsibility you must assume, and therefore you must begin at once to work for that end and to continue to do so as long as you are at School and for the rest of your lives after that.

School has always been proud of the fact that at any University gathering, her representation has always been worthy of her, whether the part taken was an active or passive one. At all University games, the School yell equalled, if not surpassed, in volume the yells of other faculties. In athletics, School has always played a leading role, and in social affairs the originality of School in thought and enterprise has been unquestioned. Remember, this is not just talk. You can easily prove it for yourselves.

It is therefore your turn now to step in and do your share. You are receiving something from School. School

expects something from you. There are activities enough in School to cover any possible individual need outside of athletics altogether, and in athletics, if you are not an athlete, get out when your team is out, and give them the encouragement of your voice and presence. Unless you are an athlete you may not realize just how that does buck up a team. Another thing, always give first place on your engagement list to your School and Class affairs.

Above everything else we ask you to keep the name of "Schoolman" unsullied and above reproach in this University and elsewhere. If there is the slightest spark of manhood in you no further word of ours is necessary.

THINGS TO THINK ABOUT

Your Initiation

You are no doubt wondering just what your initiation will be like. It is quite safe to say that everyone on entering School spends a considerable portion of his time doing that very thing. While it is quite impossible to tell you what form it will take, you can rest assured that there will be no hazing. Nor will there be any rough stuff. There has been too much criticism of initiations in general, to permit of any unsanctioned stunts.

Your University

Do not forget that while you are a Schoolman you are also a "Varsity" man. Keep up your Faculty spirit by all means, but do the same by your University. She is second to none, and remember this, that people who do not know your University judge it by your actions. THEY EXPECT A UNIVERSITY MAN TO BE A GENTLEMAN AND A SPORTSMAN AT ALL TIMES. Never forget that. If you are not, you disgrace your University, yourself, and every other Varsity man or girl. One thing more, whenever you hear any adverse criticism of your University you can be quite positive that its cause lies in the words or actions of some one who should never have been permitted to enter it.

On the front page of this paper you will find the School yell. It's yours, so learn it. The following is your University yell—learn it:

Toronto, Toronto, Toronto Varsity.
We'll shout and fight for the blue
and white.

And the honour of U. of T.
A ripartee, a rappartee,
A rappartee, rappartee, ree,
Toronto, Toronto, Toronto Varsity.

Hart House

There is so much to say about Hart House that this will have to be a mere sketch. It is the Club of the Male Undergraduates of the University of Toronto. It is Governed by the Board of Stewards, which Board is composed of the Warden, J. B. Bickersteth, and representatives of the Faculty, the President of the University, the Athletic Association, and the Undergraduate Secretaries of the various standing Committees, such as House, Hall, Library, Billiard, and Sketch. Any member of the House is eligible for election to one of the Committees.

There are no rules in Hart House. They have never been necessary. It is not, however, customary to smoke in the Great Hall, or to wear one's hat in the House except in the corridors. It is really a gentlemen's Club, and the members fall under that classification, hence they behave themselves in the House, and the necessity for Rules has never arisen.

The House is yours, use it as you would your Club, or Home. It takes a great deal of work to run the place, and if you are interested in the House or any of its manifold activities, get into touch with a member of one of the Committees and he will tell you all you want to know. The first thing to do in the House is to go to the Tablet by the South-East Door, and read the Founder's Prayer. Read it twice and then think about it. Then go to work and help make the Prayer come true.

THE ENGINEERING SOCIETY

The University of Toronto Engineering Society is the Association of all the undergraduates of this faculty. The annual membership fee of \$2.00 is collected from every student on registering. It is, therefore, your own society. It was founded in 1885, being known at that time as the Engineering Society of the School of Practical Science. The first president was the Principal of the School, Professor Galbraith. In its fourth year the president was chosen from among the students, and from that time the chief officer has been chosen from the senior year. At first membership was optional, but later was made compulsory for all students in attendance at the School.

At the present time the Society is divided into four years or classes, each of which is represented on the executive by the year president. It is further divided into six clubs, viz., The Civil Club, The Mining and Metallurgy Club, The Electrical and Mechanical Club, The Chemical Club, The Archi-

tectural Club has a chairman, who is on the executive, and to assist him, a member of his Club from each year. Meetings are held by the Society and by each Club at regular intervals.

Each spring during the first week in March the annual elections are held, during which the following officers are elected for the Society: President, 1st and 2nd Vice-President, Treasurer, Secretary, and Director of Publications. The incoming first year elect their officers as soon as possible after the opening of the session.

The Society controls all general undergraduate activities in the School except athletics, with which, however, it works in harmony. The Society runs the Supply Dept. for the convenience of the students, and any profits that may accrue go to the Society to give them sufficient financial backing to make the annual School Dinner and Dance the two leading functions of their kind in the University.

One thing more, the Society prints little booklets of the Constitution. You can get one gratis by asking for it at the Supply Department.

ANNOUNCEMENTS

At the urgent request of Miss Birckett, who presides over the outer sanctum of the Dean's and Secretary's offices in the Mining Building, we wish to emphasize the following:

Every student is requested to read at least the first forty-two pages of the Faculty Calendar, copies of which may be obtained at the Registrar's office in Simcoe Hall or the Secretary's office in the Mining Building. FRESHMEN especially should note this.

Freshmen registered in Departments 2, 3, or 7 may obtain credit for Shop Work done before coming to School, if they will have certificates made out respecting same. These forms are obtainable at the Secretary's office. Men in other years should hand in certificates regarding summer work as soon as possible.

Supplemental examination results do not appear in the morning papers, as is the case with the April Examination results, but are posted on the notice board in the Mining Building. The Faculty Office has no definite information to give out, but it is hoped that the results may be ready before the end of October. Watch the notice board, and pray.

Provisional timetables are posted on the bulletin boards in the Mining Building. These are not available for distribution, but the final schedule of lectures will be ready in November sometime.

Make a note of your lectures and the room in which they are held and so avoid confusion.

Lectures commence for all years on Wednesday morning at 8 a.m.

VARSITY

The students of the University edit a newspaper for the undergraduates. You will find your copy at the Supply Department. You have already paid for it, so take a copy off the pile. If you have reportorial inclinations, make haste to speak to Rochereau de la Sabliere, third year, who will give you any information you desire.

ELECTION NOTICE

It will be necessary to hold a bye election next week to fill the following offices depleted by the scythe of examinations:

President of the Engineering Society.

Chairman of the M. & E. Club.

Both must be elected from the present fourth year, so be ready to hand in your nominations when they are called for.

JEST

This story is not published for the undergraduates. Only graduates, preferably with private practices, are permitted to read it.

Long ago, in a far country blessed with peace and domestic felicity, there lived a Jester who had been attached to the court of the King, a just and benevolent monarch, for many years. In time the King began to weary of the increasing familiarity of the Jester.

A crisis came at last, on a day when the King was about to take the Royal Bath. The Jester was late. The court, as was the custom, was assembled in the Bath Chamber, and the King, with his back to the door, was stooping with one foot in the bath to test the temperature. The Jester, being in gay feather, promptly kicked His Majesty into the water.

This was the last straw. The King in a rage told the Jester that unless he could apologise in worse taste than he had offended, he would pay for his joke with his head.

The next day the haggard Jester was brought from the dungeon into the High Court. The whole assembly waited in ominous silence.

"Sire," said the Jester humbly, "my abject apologies to Your Majesty and the Court. In sooth did I mistake you for the Queen."

RULES FOR FRESHMEN

The following rules have been drawn up and approved and will be observed by all Freshmen during the time stated.

The first group of Rules will be enforced during the whole of the School year.

1. The first year will supply all fatigue parties required by the. These parties will be detailed by Engineering Society Executive, the first year executive.

2. The first year will provide one man daily, to report to the President of the Engineering Society for whatever services may be required. (Members of the first year Executive and Engineering Society Committees are excluded.)

3. The east door of the engineering building shall not be used by any Freshman.

4. Freshmen must not wear SPATS or DERBIES.

The following Rules must be observed up to the time of the School initiation:

1. All Freshmen will wear a green tie of the style approved and supplied by the Supply Department of the Engineering Society.

2. All Freshmen will enter the School buildings by the basement doors only.

3. Freshmen will remove their hats in all School buildings.

There will be no hazing. The initiation is arranged by representatives of the first and second years, and you will be notified of the time and place.

OBITUARY

It is with sincere regret that we heard of the death of two former Schoolmen this summer.

George Belyea, an honour graduate in Mining, was drowned, while fishing, at Narrow Lake, Ontario.

L. R. McConnell, a first year student, was killed by a train near his home in Brampton.

Our sympathy is extended to the bereaved families and relatives.

PERSONAL

Among those Schoolmen who have recently taken unto themselves blushing brides are Frank Millican, a former Engineering Society President. Frank was married in Trail, B.C., where he has established his home.

Dick Suzuki and Reg. Hayward are also in the ranks.

DON'TS FOR FRESHMEN

Don't give your Faculty yell at a University gathering. The Varsity yell takes precedence in such a case.

Don't think you are still important because you were so at your prep. school. Everyone starts at the bottom here.

Don't forget that School expects you to do your bit in keeping her to the fore.

Don't expect School to make an engineer of you. She only gives you the foundation.

Don't try to evade your duties as a Freshman. You will only make it harder for yourself.

Don't forget that it takes a good man to be a good winner, but it takes a damn sight better man to be a good loser.

THE PSALM OF LIFE

1—

Stand up, stand up for the Science Faculty,
With Arts and Meds they form a trinity.

Chorus:

Then shout ye chaps for the S.P.S.
Whose motto is meekness and peacefulness.

2—

The first year man when he comes to school,
Looks with awe on a two-foot rule.

3—

The second year man has learned
about the top;
He sizes up the freshman with an eye
for a scrap.

4—

The third year man'd rather fall down
a mine,
Than dive the depths of construction design.

5—

The fourth year man comes back to
have his fling,
He bums around the lab and he doesn't
do a thing.

6—

The Science Faculty is the best Faculty
That ever came over to old Varsity;

7—

Now we hope this song has touched
your hearts,
And you won't consign us to warmer parts,

8—

For we've shouted this song for the
S.P.S.,
Whose motto is meekness and peacefulness.